



**SDS710/711 Series Color Camera
High speed PTZ DSP dome camer**



	NTSC	PAL
Image system		
Lens		
Image Sensor	1/4" SONY SuperHAD CCD	
Optical zoom	F1.4 - F3.0	
Focal length	f=4.1-73.8mm	
View Angle	48.0°(wide end) to 2.8°(tele end)	
Effective pixels(HxV)	380K pixels approx.	440K pixels approx.
Scanning system	2:1 Interlace V: 59.94Hz, H: 15.734KHz	
Sync system	Internal / line-lock	
Video output	1Vpp composite output, 75 ohm	
Horizontal resolution	480 TV lines	
S/N ratio	More than 50 dB	
Zoom limit	UP TO 216X (optical 18X, digital 12X)	
Focusing system	Auto(normal sensitivity / low sensitivity)	
Focus	Auto (sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF	
Minimum illumination	Normal mode: 1 lux (F1.4, 1/60(1/50)sec.	
Gain control	Auto	
White balance	Auto, ATW, One-push	
Electric shutter	1/50 (1/60) to 1/10,000sec. 16 Steps	
Auto slow shutter	On / Off	
AE control	Auto / manual / backlight compensation	
EV compensation	-10.5--+10.5dB(15 steps)	
Backlight Compensation	On / off	
Alarm function	Yes	
Day/Night mode	-----	
Flickerless	Yes	
Picture Effect		
Mirror Image	Yes	
P/T Operation		
Pan Range	360° continuous	
Tilt range	92°	
Manual Pan speed	0.1 - 90°/s	
Manual Pan speed (turbo)	0.1°/s : max dig. zoom ; 0.4°/s : max opt. zoom 150°/sec	
Manual tilt speed	0.1 - 45°/s	
Preset speed	0.1°/s : max dig. zoom ; 0.4°/s : max opt. Zoom	
Proportional P/T	Pan: 430°/sec(max); Tilt: 200°/sec (max)	
Pan/Tilt limit	Provided	
Auto Flip	user definable	
Zoom Limit	on/off	
Programmable Preset	x18,x36,x72,x144,x216, 256 points	
Programmable Tours	4 pattern tours memorizing up to 6 mins of manual control	
Privacy zone	On / off, up to 24 zones (3D Privacy Zone)	
Scan function	Random, frame and auto-scan selectable	
Alarm	6 inputs / 1 output	
Preset titles	Max 20 characters	
Password protection	alphanumerical Dome OSD setup protection	
Other Superior Functions	Super Fine Pan for 0.02° Accuracy / Motion Detection / Scheduling	
Remote control		
Remote control	MESSOA P/D (Also support Pelco-P/D, GE, Bosch, Emitec)	
Special Commands	support absolute(X, Y, Z) position	
Interface	RS485 (2-wire)	
Baud Rate	2400,4800,9600,19200 bit/s(DIP-sw selectable)	
Mechanical/Environment		
Operating temperature	-40 - 60	
Operating humidity	20% - 80% RH	
Storage temperature	-20 - 60	
Dimensions(exH)	216.6mm X 324.0mm (height)	
Weight	3500g approx.	
Electrical		
Power requirement	AC24V +/-10%	
Power consumption	44W (max.) SDS711 series without heater and blower.	
Regulation		
Vandal proof	750KG (1653 lb) impact resistance	
Water proof	IP67 (With Heater and Blower)	
Applications (Optional)	In Ceiling Mount (SAD701) / Pendant Pipe Mount (SAD702) / Simple Wall Mount (SAD703) / Wall Mount with Power Box (SAD704) / Pendant Pipe Mount with Power Box(SAD705) / Parapet Wall Mount (SAD706) / Corner Mount(SAD707) / Pole Adaptor (SAD708) / Pipe Extension Bracket(SAD709) / Sun Shield(SAD710)	
Ordering information	SDS710-HN2-US SDS711-HN2-US (US Power Cord)	SDS710-HP2-EU SDS711-HP2-EU (EU Power Cord)
	SDS710-HP2-UK SDS711-HP2-UK (UK Power Cord)	
	Remark:SDS711 series without heater and blower	

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